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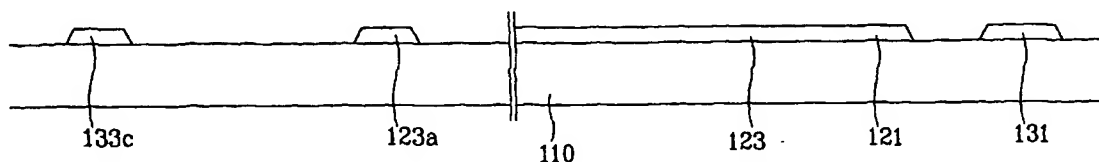
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTI-DOMAIN LIQUID CRYSTAL DISPLAY AND A THIN FILM TRANSISTOR SUBSTRATE OF THE SAME



(57) Abstract: A thin film transistor array panel is provided, which includes; an insulating substrate; a plurality of gate lines formed on the insulating substrate; a plurality of data lines formed on the insulating substrate, insulated from the gate lines, and intersecting the gate lines; a plurality of storage electrode lines formed on the insulating substrate, insulated from the data lines, and intersecting the data lines; a plurality of pixel electrodes provided on the respective pixel areas defined by the intersections of the gate lines and the data lines, each pixel electrode having a cutout; a plurality of direction control electrodes provided on the respective pixel areas defined by the intersections of the gate lines and the data lines; a first thin film transistor connected to a relevant one of the gate lines, a relevant one of the data lines and a relevant one of the pixel electrodes; a second thin film transistor connected to a previous one of the gate lines, a previous one of the data lines and a relevant one of the direction control electrodes; an a third thin film transistor connected to the previous gate line, the relevant data line and the relevant pixel electrode.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR02/01893

A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G02F 1/133

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975, Korean Utility Models and applications for Utility Models since 1975
Japanese Utility Models and applications for Utility Models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 1997-66687 A (SAMSUNG ELECTRONICS CO., LTD.) 13. OCT. 1997 see the whole paper	1-13
A	KR 2001-47093 A (SAMSUNG ELECTRONICS CO., LTD.) 15. JUN. 2001 see the whole paper	1-13
A	JP 2001-265287 A (Sharp Corp.) 28. SEP. 2001 see the whole paper	1-13

☐ Further documents are listed in the continuation of Box C.


☒ See patent family annex.

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KR 1997-66687	13. OCT. 1997	NONE	
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